

horse, and human serum; granulocyte-macrophage colony-stimulating factor and erythropoietin preparations; human placental conditioned medium; lectin (phytohemagglutinin, concanavalin A, and pokeweed mitogen); and mixed leukocyte reaction-stimulated leukocyte-conditioned medium.

SCGF was detected only in human placental conditioned medium.

SCGF produced by the KPB-M15 cells was a protein with a molecular weight of 20,000. The molecule, highly purified by immunoadsorbent affinity chromatography, retained **SCGF** activity in vitro, e.g., erythroid burst-promoting activity and granulocyte-macrophage-colony potentiation. With the availability of purified **SCGF**, it is now possible to study in detail the mechanisms regulating hematopoietic stem cells.

CT ***Antibodies, Monoclonal: IM, immunology**

Cell Line

Chromatography, Affinity

*Colony-Stimulating Factors: AN, analysis

*Growth Substances: AN, analysis

Growth Substances: IP, isolation & purification

Growth Substances: PD, pharmacology

Hematopoietic Cell Growth Factors

*Hematopoietic Stem Cells: DE, drug effects

Humans

Immunoenzyme Techniques

Interleukin-3: AN, analysis

***Leukemia, Myeloid: ME, metabolism**

Molecular Weight

*Placenta: AN, analysis

CN 0 (Antibodies, Monoclonal); 0 (Colony-Stimulating Factors); 0 (Growth Substances); 0 (Hematopoietic Cell Growth Factors); 0 (Interleukin-3)

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(FILE 'HOME' ENTERED AT 13:34:40 ON 14 JUN 2007)
SET COST OFF

FILE 'WPIX' ENTERED AT 13:34:51 ON 14 JUN 2007

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L1      17375 S LEUKEM? OR LEUKAEM? OR PRELEUKEM? OR PRELEUKAEM? OR ALEUKEM?
L2      3007 S (B12-G05 OR C12-G05)/MC
L3      2932 S (B14-H01A OR C14-H01A)/MC
L4      3835 S A61P035-02/IPC,IC,ICM,ICS
        E LEUKEM
L5      19863 S L1-L4
L6      1429 S L5 AND (B12-K04A1 OR C12-K04A1)/MC
L7      4612 S L5 AND D05-H09/MC
L8      3038 S L5 AND N102/M0,M1,M2,M3,M4,M5,M6
L9      5026 S L5 AND P831/M0,M1,M2,M3,M4,M5,M6
L10     2618 S L5 AND Q505/M0,M1,M2,M3,M4,M5,M6
L11     3895 S L5 AND (?DIAGNOS? OR ?PROGNOS?)
L12     903 S L5 AND G01N033-574/IPC,IC,ICM,ICS
L13     6385 S L6-L12
L14      2 S L13 AND SCGF
L15     28 S L13 AND STEM CELL GROWTH FACTOR
L16     28 S L14,L15
L17     133 S L13 AND STEM CELL(S)GROWTH FACTOR NOT L16
        SEL AN 33 99 129
L18      3 S L17 AND E1-E3
L19     31 S L16,L18
L20     237 S L13 AND (B04-G02 OR C04-G02)/MC
L21     102 S L13 AND (B04-H06 OR C04-H06)/MC

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L22 321 S L20,L21
 L23 90 S L13 AND C07K016-22/IPC,IC,ICM,ICS
 L24 2302 S L13 AND D05-H11/MC
 L25 1499 S L13 AND R621/M0,M1,M2,M3,M4,M5,M6
 L26 2952 S L22-L25
 L27 246 S L26 AND STEM CELL
 L28 220 S L27 AND (MONOCLON? OR POLYCLON? OR MOAB OR MAB OR POAB OR PAB
 L29 70 S L28 AND GROWTH FACTOR
 L30 43 S L29 NOT L17
 L31 56 S L19,L30
 L32 47 S L31 AND (PD<=20030409 OR PRD<=20030409 OR AD<=20030409)
 L33 1 S RA0QMT/SDCN
 L34 271 S RA0QMT/DCN
 L35 34 S L34 AND L13
 L36 25 S L35 AND (PD<=20030409 OR PRD<=20030409 OR AD<=20030409)
 L37 83 S L13 AND STEM CELL FACTOR AND (PD<=20030409 OR PRD<=20030409 O
 L38 93 S L35-L37
 L39 85 S L38 NOT L31
 SEL DN 18 49 73 77 82 83 84
 L40 7 S L39 AND E4-E13
 L41 31 S L36,L40
 L42 43 S L32 NOT L41
 SEL AN 10 13 15-18 27 30 38 41-43
 L43 12 S L42 AND E14-E25
 L44 43 S L41,L43
 L45 43 S L44 AND L1-L44
 L46 43 S L45 AND (?MONOCLON? OR ?POLYCLON? OR ?ANTIBOD? OR MOAB OR MAB

FILE 'WPIX' ENTERED AT 14:10:23 ON 14 JUN 2007

FILE 'MEDLINE' ENTERED AT 14:11:14 ON 14 JUN 2007

L47 204862 S LEUKEM? OR LEUKAEM? OR PRELEUKEM? OR PRELEUKAEM? OR ALEUKEM?
 L48 5622 S LEUCEM? OR LEUCAEM? OR PRELEUCEM? OR PRELEUCAEM? OR ALEUCEM?
 E LEUKEMIA/CT
 E E3+ALL
 L49 157080 S E4+NT
 E E4
 E E7+ALL
 L50 1818 S E11
 E E11
 E E6+ALL
 L51 331 S E35
 E E35
 L52 54 S E10-E18
 E E107+ALL
 E E2+ALL
 E LEUKEMIA VIRUS/CT
 E E8+ALL
 L53 3867 S E2+NT
 L54 655 S E6+NT
 L55 184198 S L47-L54 AND (PY<=2002 OR PY<=2003)
 L56 4 S L55 AND (SCGF OR STEM CELL GROWTH FACTOR)
 L57 710 S L55 AND (SCF OR STEM CELL FACTOR)
 L58 657 S L55 AND STEM CELL(1W) FACTOR
 E STEM CELL GROWTH FACTOR/CT
 E STEM CELL FACTOR/CT
 E E3+ALL
 L59 397 S L55 AND E12
 L60 57 S L55 AND (C KIT LIGAND)
 L61 93 S L55 AND KIT LIGAND

L62 42 S L55 AND MAST CELL GROWTH FACTOR
L63 99 S L55 AND STEEL FACTOR
L64 793 S L56-L63
L65 296 S L49 (L) DI./CT AND L64
L66 5 S (LEUKEMIA+NT(L)DI)/CT AND L64
E DIAGNOSIS/CT
L67 100 S E3+NT AND L64
L68 373 S L65-L67
E MONOCLON/CT
E E5+ALL
E E2+ALL
L69 127291 S E32
E POLYCLON/CT
E ANTIBODIES/CT
L70 28 S L68 AND E3+NT
L71 22 S L68 AND L69
L72 28 S L70,L71
SEL AN 5 12 13 17 22 23 25 26 27 28
L73 10 S L72 AND E1-E10
L74 15 S L66,L73
L75 18 S L72 NOT L74

FILE 'MEDLINE' ENTERED AT 14:27:46 ON 14 JUN 2007

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